

KHARCHILAVA, F. T.

Sov/Sr-53-2-24/25

3(1) AUTHOR: Kharchilava, J. N.

TITLE: Scientific Meeting at the Tbilisi Scientific Research Institute of Hydroeteorology (Baukaya sessiya v Tbilisskayau nauchno-issledovatel'skom Glavmeteoreologicheskem Institute)

PERIODICAL: Meteorologiya i glaciologiya, 1959, Nr 2, pp 70 - 71 (MSB)

ABSTRACT:

In May 1958 the Tbiliscky nauchno-issledovatel'skiy hidrometeorologicheskiy institut (Tbilisi Hydroeteorological Scientific Research Institute) held a meeting in which the following representatives participated: the representatives of the Central Statistical Bureau (Central Statistical Administration), Glaznaya geofizicheskaya observatoriya (Glaznaya Geophysical Observatory), and the local administration of the hydrometeorological services of the Transcaucasian Republics. On the occasion of the fifth anniversary of the Tbilisi RIGI the director of the Institute, V. P. Kiparidze held a speech commemorating the event. N. P. Popozyan (Chair) spoke on the character of temperature distribution and the circulation of the atmosphere above the Antarctica. K. I. Papukashvili and Te. A. Aspetkarian spoke on the characteristics of the

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atmospheric processes above Transcaucasia. M. A. Zakharchishvili reported on the typification of synoptic processes carried out by him. R. L. Jangava, G. G. Chikvadze, two papers on theoretical aspects of dynamic meteorology; V. I. Chikvadze and V. P. Lomidze spoke on the present state of the Tbilisi Hydroeteorological Institute. F. T. Kharchilava spoke on the great amounts of precipitation in Georgia. A. A. Berikashvili on meteorological visibility in Gudauri, Tbilisi. A. Polikarova (GGS) on the meteorological visibility in the case of precipitation and fog. G. J. Chikvadze on the precipitation in Georgia in the course of 24 hours. E. V. Subikashvili on the wind energy resources of Georgia. Sh. V. Dzhordzhev on radiation and heat balance in the alpine zone of the Kasbegi. N. N. Dralidze on the reflectivity of the atmosphere. Ia. Sjallid and M. Mkheli, Tbilisi, Tausikidze on the albedo of different natural surfaces. Sh. G. Gavashvili (GUG) on the Grusianskaya SII on the ground temperature conditions in glacier. V. Sh. Tsvetaya of the method developed by him for forecasting the number of days with ice ahead. V. P. Kiparidze

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Report on a method for the calculation of the volume of rain water supply in floods. G. J. Petashvili (GUG) on the atmospheric circulation in hydrological forecasts. The representative of the Arzamaskaya SII H. V. Shatilyan reported on the characteristics of the formation of the water supply for spring rivers of Armenia. A. A. Popozyan (URMS of the Arzamaskaya SII) pointed to the special role of the snow cover of the hills between 1950 and 2100 m in the formation of the water supply for spring floods on the rivers of Armenia. V. P. Kiparidze spoke on the method of forecasting the soil moisture in the soil below grain cultures. G. P. Sholopin and Sh. I. Tsereteli spoke on the periodical hydroperiods of the Arzamaskaya SII. O. M. Sandukashvili, L. A. Efremidze (GUG) on the Arzamaskaya SII, and T. G. Chechikashvili on the microclimatic conditions of the land利用 in the Arzamaskaya SII. In all, 27 papers were read.

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GUNIYA, S.U.; KHARCHILAVA, F.T.

Synoptic aerological conditions producing showers in Transcaucasia
and the development of methods for their prediction. Trudy
Tbil.NIGMI no.8:10-20 '61. (MIRA 15:3)
(Transcaucasia—Rain and rainfall)

L 32932-56 EVT(1)/T/EWP(1) IJP(c) BE/EEQ/QD/JXT(bf)
ACC NR: AT6008556 SOURCE CODE: UR/0000/65/000/000/0025/0035

AUTHOR: Birman, N. Ya.; Kharchina, S. V.; Tsareva, Ye. S.

57
B+1

ORG: None

TITLE: Statistical processing of printed symbols by computer ✓

SOURCE: AN SSSR. Institut nauchnoy informatsii. Chitayushchiye ustroystva (Reading devices).
Moscow, VINITI, 1965, 25-35

TOPIC TAGS: information theory, statistics, pattern recognition, adaptive print reader

ABSTRACT: The authors study the problems associated with statistical processing of printed symbols by computer. Various methods and equipment for feeding printed symbols into computers are discussed. A unit was developed at the laboratory of electrosimulation VINITI AN SSSR (LABORATORIYA ELEKTROMODELIROVANIYA VINITI AN SSSR) for feeding printed symbols into computers. This unit is free of intermediate information carriers both with respect to static and dynamic conditions. The laboratory LEM-1 computer was used for processing data. The magnetic operational storage capacity of this computer is 2048 24-digit numbers. The computer can perform 1000 operations per second. The logic part of the apparatus for feeding symbols into the computer and the computer itself are made up of ferrite diode logic modules. The symbols are studied in the static state by using a counter. A diagram is given for this counter and its components. The problems of simulating symbol recognition on a computer are studied. The effect of noises which are superimposed on the symbol are considered. The

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L 32832-66

ACC NR: AT6008556

results of the study show that the distance between two averaged standards for the majority of symbols is much greater than the sum dispersion of the symbols. The quality of recognition decreases with field overlapping of the symbols. Dispersion of straight symbols such as H or T is 1.5 to 2 times lower than for round letters. The fragment methods are discussed. The fragment method used can be improved by the addition of several thresholds, up to 5, and several gradations in weight, up to 10. This will result in increasing the reliability of recognition. Orig. art. has: 7 figures, 2 tables, and 6 formulas.

SUB CODE: 09,12 / SUBM DATE: 09Sep65 / ORIG REF: 005 / OTH REF: 005

Card 2/2

AZIZBEKOV, Sh.A.; MAGAK'YAN, I.G.; TVALCHRELIDZE, G.A.; KHARCHUK, L.P.

Metallogeny of the Caucasus. Zakonom.razn.polezn.iskop. 7:5-47
'64. (MIRA 17:6)

1. Akademiya nauk Azerbaydzhanskoy SSR, Akademiya nauk
Armyanskoy SSR, Kavkazskiy institut mineral'nogo syr'ya i
Kol'tsovskaya ekspeditsiya Gosudarstvennogo geologicheskogo
komiteta SSSR.

1. KHARCHUK, L. P.
2. USSR (600)
4. Caucasus, Northern - Barite
7. Barites of the Northern Caucasus (brief survey). (Abstract) Izv. Glav. geol. son. no. 2, 1947.
9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

KHARCHUK, L. P., TVALCHRELIDZE, G.A., KACHEKAY, M., BENDELIANI, A.Ye.,
MAGAK'YAN, I.G., MKRTCHAN, S.S.

"On Metallogeny in the Caucasus." Report presented at the Inter-departmental Conference on the Problems of the Metallogeny of the Caucasus, Tbilisi 8-13 May 1957.

Sum 1582

Kharchuk, L. P., Cand. Sci. Min. Sci., R11715
(Caucasus Inst.
of Raw Materials)
Tbilisi

C. A. KHARCHOV, O.S.

6

The hydrated form of potassium sulfate, M. P. Shul'ina, O. N. Kharchuk, and D. K. Yanat'eva, *Dokl. Akad. Nauk SSSR*, 73, 407 (1950). $K_2SO_4 \cdot H_2O$ is commonly supposed not to exist. New data of the polytherms of the system $K_2SO_4 \cdot H_2O$ from 30° downwards, with mixts. differing by 0.03-0.15% K_2SO_4 , showed a new crystalline branch beginning with a sharp inflection, at 9.7°, toward the temp. axis, and ending in the eutectic point at -1.8°. The transition point at 9.7° corresponds to 8.48% K_2SO_4 .

the eutectic at -1.8° to 7.00%. These results were confirmed by isothermal data, at 2, 5, and 8°, which gave points lying exactly on the new branch. By cross-inoculation of 2 systems std. at 6°, one of which had to be the stable, the other the metastable one, the new branch was shown to correspond to the stable system, the "old", i.e., the unaffected branch, with a eutectic point at -1.9°, being unstable. Crystals taken from the stable system lost 8.97-9.30% on drying at 180°; by the device of crystals in the presence of KI , permitting a correction for the mother liquor adhering to the crystals, the H_2O content was detd., more accurately, to 9.30%; the theoretical value for $K_2SO_4 \cdot H_2O$ is 9.32%. Under the microscope, crystals of $K_2SO_4 \cdot H_2O$ are clearly distinguishable from K_2SO_4 . Finally, thermography of crystals of $K_2SO_4 \cdot H_2O$ gave an arrest at -1.8 (eutectic fusion) and a transition at 9.8° (dehydration).

N. Tikhonov

SHUL'GINA, M.P.; KHARCHUK, O.S.; YANAT'YEVA, O.K.

SHUL'GINA, M.P.; KHARCHUK, O.S.; YANAT'YEVA, O.K.

New solid phases in the system: KCl—K₂SO₄—H₂O. Izv. Sekt. fiz.-khim. anal. 26:198-210 '55. (MLRA 8:9)

1. Institut obshchey i neorganicheskoy khimii im. N.S. Kurnakova AN SSSR i Stalinskij mediteinskij institut im. A.M. Gor'kogo. (Potassium salts) (Systems (Chemistry))

KHARDI, D.

Physical Chemistry

Dissertation: "Organic Compounds as Regulators of the Polymerization of
Vinyl Acetate." Cand Chem Sci. Leningrad Technological Inst, Leningrad, 1953.
(Referativnyy Zhurnal--Khimiya, No 3, Feb 54)

SO: SUM 213, 20 Sept 1954

ACCESSION NR: AP4032579

S/0190/64/006/004/0758/0765

AUTHORS: Khardi, D.; Varga, Y.; Nitrai, K.; Tsaylik, I.; Zubonyai, L.

TITLE: Synthesis, polymerization, and copolymerization of vinyl thioacetate

SOURCE: Vyssokomolek. soyedin., v. 6, no. 4, 1964, 758-765

TOPIC TAGS: vinyl thioacetate, vinyl thioacetate synthesis, vinyl thioacetate polymerization, vinyl thioacetate copolymerization, vinylsuccinimide copolymer, vinylphthalimide copolymer, vinylcarbazone copolymer, acetoxyethyl thioacetate pyrolysis, chain transfer constant, monomer reactivity ratio

ABSTRACT: The vinyl thioacetate monomer was obtained by pyrolysis of 2-acetoxyethyl thioacetate in a current of CO_2 at a temperature of 490°C. Its polymerization was conducted in the presence of dinitrile of isobutyric acid in an atmosphere of nitrogen. The kinetic measurements were carried out by the dilatometric technique, and the molecular weights were determined by cryoscopy. The copolymerization with N-vinylsuccinimide, N-vinylphthalimide, and N-vinylcarbazone was conducted in sealed ampules at 600°C. It was found that the polymerization rate of vinyl thioac-

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ACCESSION NR: AP4032579

state was proportional to the 0.75 power of the initiator concentration and that the brutto activation energy was 25.45 kcal/mole. Since the median polymerization coefficient was not significantly affected by the concentration of the initiator, it was concluded that the chain transfer constant had to be high. An enhancing effect on the reactivity of the corresponding monomer was produced by replacing oxygen with sulfur. All of the copolymers were soluble in benzene and contained nitrogen. By reacting hydrazine hydrate with the vinyl thioacetate-vinyl succinimide and vinyl thioacetate-vinylphthalimide copolymers, the authors obtained polymers containing free SH and NH₂ groups which were rapidly oxidized by air. Orig. art. has: 7 charts, 2 tables, and 3 formulas.

ASSOCIATION: Nauchno-issledovatel'skiy institut plastomassovoy promyshlennosti, Budapest (Scientific Research Institute of Plastic Materials); Budapesht'skiy politekhnicheskiy institut (Budapest Polytechnical Institute)

SUBMITTED: 21Oct63

DATE ACQ: 11May64

ENCL: 00

SUB CODE: CH

NO RLF SOV: 006

OTHER: 016

Card 2/2

Distr: 4E3b/4E3d/4E2c(j)

✓ Investigation of radical polymerization processes in the presence of foreign substances. I. Effect of organic halogen compounds on the polymerization of vinyl acetate.
A. A. Vansheidt and Gyula Khardi (Research Inst. Org. Chem. Ind. Plastics Ind., Budapest). *Acta Chim. Acad. Sci. Hung.* 20, 201-73(1959)(in Russian).—In the polymerization of vinyl acetate promoted by Bz_2O , chain-transfer consts. were calc'd. from $1/P = 1/P_0 + C [xy]/[M]$, where P is the av. degree of polymerization of the polymer formed in the presence of a foreign substance, P_0 is the av. degree of polymerization of the polymer formed in the absence of the foreign substance, $[xy]$ is the concn. of the foreign substance, $[M]$ is the concn. of the monomer, and C is the chain-transfer const. The values found were:
 $\begin{array}{ll} \text{CHCl}_3 & 0.0564 \\ \text{CCl}_4 & 0.2023 \\ \text{CBrCl}_2 & 0.6303 \\ \text{CHBr}_2 & 3.476 \\ \text{CBr}_2 & 2.874 \\ \text{MeI} & 0.123 \\ 1,2-\text{Cl}_2\text{C}_2\text{H}_4 & 0.00102 \\ 1,1,2,2-\text{Cl}_4\text{C}_2\text{H}_4 & 0.000772 \\ \text{C}_2\text{HCl}_4 & 0.1384 \\ \text{C}_2\text{Cl}_4 & 0.121 \\ 1,2-\text{Br}_2\text{C}_2\text{H}_4 & 0.0134 \\ \text{C}_2\text{Cl}_3 & 0.0468 \\ \text{C}_2\text{HCl}_3 & 0.3810 \\ \text{C}_2\text{Br}_2 & 0.280 \\ \text{C}_2\text{HBr}_2 & 8.472 \\ \text{BuBr} & 0.1100 \\ \text{PhCl} & 0.000281 \\ \rho\text{-C}_6\text{H}_4 & 0.00118 \\ \text{PhCH}_2\text{Cl} & 0.0084 \\ \text{PhBr} & 0.01342 \\ o\text{-ClC}_6\text{H}_4\text{Me} & 0.001280 \\ \rho\text{-ClC}_6\text{H}_4\text{Me} & 0.01980 \\ \text{dichloroethyl ether} & 0.0248 \\ \text{CICH}_2\text{COOH} & 0.255 \\ \text{BrCH}_2\text{COOH} & 0.448 \\ \text{CCl}_4\text{COOH} & 0.1445 \\ \text{CCl}_4\text{CHO.H}_2\text{O} & 0.4312 \\ \text{CCl}_4\text{CHO} & 0.4927 \\ \text{BrCl} & 0.030 \\ 1,3,3,3-tetrachloropropyl acetate & 0.04232 \end{array}$. The most active chain-transfer agents are the halogen derivs. of CH_4 , because in these the bond energy between halogen and C is small. In general the asymmetric derivs. are more active. The aromatic halohydrocarbons are less active than the aliphatic because of the greater bond energy between C and halogen in the aromatic compds. E. Kaczeiner

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29 (v 3)
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L 32665-66 EWT(m)/EWP(j)/T RM
ACC NR: AP6015044 (A)

SOURCE CODE: UR/0190/66/002/005/0787/0789

AUTHOR: Prokop'yev, V. P.; Tishkov, P.G.; Shreybert, A. I.; Khardin, A. P.

55
B

ORG: Volgograd Politechnic Institute (Volgogradskiy politekhnicheskiy institut)

ABSTRACT: Investigation of methylmethacrylate in the presence of halonitroperoxides by the spin-echo method

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 8, no. 5, 1966, 787-789

TOPIC TAGS: methylmethacrylate, polymerization, peroxide, gel, proton interaction, spin relaxation, spin-echo method

ABSTRACT: Investigation of methylmethacrylate polymerization in the presence of 4-chloro-and-4-bromo-4,4-dinitrobutyryl peroxides was carried out at 50C and a peroxide concentration of 3.7×10^{-2} mol/l. Halonitroperoxides initiate the polymerization of methylmethacrylate without a noticeable gel effect. The nature of proton spin-lattice relaxation during polymerization with and without air was shown. Orig. art. has: 2 figures. [Based on authors' abstract] [NT]

SUB CODE: 07, 11/ SUBM DATE: 25Feb65/ ORIG REF: 002/ OTH REF: 007

Card 1/1 . B LG

UDC: 66.095.26 + 678.744

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721810015-6

KHARDT, K.

Glider pilot Adolf Daumann. Kryl. rod. 14 no. 12:28 D '63.
(MIRA 17:2)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721810015-6"

KHARDY, Gy.

Distr: 4E2c(j)/4E3b

✓ Radical polymerization processes in the presence of chain transfer agents. II. Effect of hydrocarbons, alcohols, aldehydes, esters, and acids on the polymerization of vinyl acetate. A. A. Vansheidt and Gy. Khardy (Research Inst. Org. and Plastics Ind., Budapest). *Acta Chim. Acad. Sci. Hung.* 20, 381-91 (1959) (in Russian); cf. C.A. 54, 8180b.—
Chain transfer consts. for 33 halogen-free org. compds. belonging to different functional classes were detd. at 70°, in the $(\text{BzO})_2$ -initiated polymerization of $\text{CH}_2=\text{CHOAc}$. Compds. contg. a labile H atom, such as 9-phenylfluorene, PhCH_2SH , and dimedon were the most active. Activity increases in the order: esters, *tert*-alcs., *sec*- and *n*-alcs., glycols, ketones, aldehydes. The same trend in the activity of chain transfer agents, though of lower values, was observed in the polymerization of styrene and Me methacrylate. The results are tabulated and presented graphically.
A. Kalusayner

5
190 (AB)
2

200

KA KHAREBAVA, 6.1.

11D

Enzymic processes in a living tea leaf. G. I. Kharebava
Biokhimiya Chalnogo Protsessista, No. 5, 85-88 (English summary, 99-100) (1963). Examn. of the enzymic activity in leaves *in situ* by infiltration techniques showed that activity of invertase and protease (the 2 enzymes studied) is higher in young leaves than in the old ones with predominance of synthetic action in young leaves and hydrolysis in the older ones. Over 24-hr. periods synthesis rises toward midday and declines over dark periods. Invertase is most active in midsummer but protease reaches a max. in June. Changes in the tannins follow the changes in invertase activity, indicating participation of this enzyme in formation of active sugars used in tannin formation. P fertilizers augment synthetic activity of invertase and tannin formation. N fertilizers enhance protein formation and repress invertase activity.
G. M. K.

KHAREBAVA, G. I.

Kharebava, G. I.: "Tanning extracts of the persimmon and the processing of the fruit", Byulleten' Vsesoyuz. nauch.-issled. in-ta chaya i subtrop, kul'tur, 1948, No. 3, p. 115-22 - Bibliog: 6 items.

SO: U-3042, 11 March 53, (Letopis 'nykh Statey, No. 10, 1949).

USSR / Cultivated Plants. Fruit Trees. Small Fruit
Plants. Nut Trees. Tea. M

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 25902

Author : Kharebava, G. I.

Inst : All-Union Scientific-Research Institute of
Tea and Subtropical Cultures

Title : Growing Tea in China

Orig Pub : Byul. Vses. n.-i. in-ta chaya i subtrop.
kul'tur, 1957, No 2, 116-140

Abstract : A review of the distribution and characteristics of tea cultivation in China. Varieties and production technology of various tea types are described in detail.

Card 1/1

KHAREBAVA, G.I., kand.biol.nauk; PAPAVA, G.V.

Effect of various plucking methods on the quality of tea and
the profitability of production. Trudy VNIICHP no.1:47-56 '58.
(Tea--Harvesting) (MIRA 12:5)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721810015-6

KHAREBAVA, G.I., kand.biol.nauk

Effect of organomineral fertilizers on the quality of black
tea. Trudy VNIICHP no.1:56-70 '58. (MIRA 12:5)
(Tea--Fertilizers and manures)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721810015-6"

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721810015-6

KhAREBAVA, G.I., kand.biol.nauk

Effect of the duration of fermentation on the quality of tea.
Trudy VNIICHP no.1:82-89 '58. (MIRA 12:5)
(Tea)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721810015-6"

KHAREBAVA, G.I.

Effect of irrigation on tea quality. Biokhim.chain.proizv. no.7:
62-73 '59. (IRRIGATION) (TEA) (MIRA 13:5)

KHAREBAVA, G.I.; GULJA, K.P.

Establishing a precisely controlled fermentation regime for tea
factories of Krasnodar Territory. Biokhim. chain. proizv. no.8:
88-102 '60.
(MIRA 14:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut chaynoy promy-
shlennosti, Anseuli.
(Krasnodar Territory--Tea)

KHAREBAVA, G.I., kand.biolog.nauk

Tea production in China. Biul.VNIICHiSK no.2:116-140 '57.
(China---Tea) (MIRA 15:5)

KURELYUK, B.A.; KHAREBIN, M.P.

Using detonite 10A in underground operations at the
Krasnogvardeysk Mine. Vzryv. delo no.55/12:121-125 '64.

1. Krasnoural'skiy medeplavil'nyy kombinat. (MIRA 17:10)

Kharebov, G. V., Eng. Lt.Col.

Repair of Front-line Bomber (Remont frontovogo bombardirovshchika)

Vestnik Vozdushnogo Flota, 1957, Nr 5, pp. 63-65 (USSR)

Describes the difficulties encountered and experience gained repairing front-line bomber planes, which has resulted in the development of the following repair methods:
(1) A test for leakages developing in the pressurized cabin of the IL-28. (2) A method of repairing leakages in the "air-aerial" (vozdukhovo-zondushnyye) radiators in the airplane altitude system (vysotnaya sistema) in which such repairs, apparently, had not been made. In substance, the new method is welding. (3) Methods of repairing leakages in the nipples of connecting pipes in the housing (bobyshki shtutserov korpusa) of the vacuum pump; the nipples were previously tightened apparently without repairing them. The new methods consist in welding and applying pressed-on collars. (4) A repair procedure for leakages appearing in the "Sylphones" (metallic bellows) of pressure regulators of the automatic weight consumption controls. Substantially,

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86-5-10/24

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721810015

Repair of Front-line Bomber (Cont.)

86-5-10/24

the new procedure is soldering. (5) A new method of corrosion removal from the outer surfaces of oxygen and air bottles, introduced by "rationalizer" B. V. Zubarev, which replaced the lengthy pickling process by speedy sand spraying. (6) A device developed by "rationalizer" turner V. A. Popov for polishing the inside surface of the air system cylinders, and the use of chrome plating, apparently not previously practiced, to combat corrosion and prolong the life of the cylinders. (7) Relaxation of the practice of rejection coiled springs which developed contraction after prolonged use, provided they do not show a residual deformation during "squeezing" [obzhatiye] tests.

AVAILABLE: Library of Congress

Card 2/2

KHARECHKIN, A.

Layout of a dam according to Professor Senkov's method. Sel'.
stroj. 12 no.5:25-27 My '57. (MIRA 10:7)

1. Nachal'nik otdela po stroitel'stvu v kolkhozakh Vsevolozhskogo
rayona Leningradskoy oblasti.
(Vsevolozhskii District--Dams)

3(5,8)

SOV/21-59-5-15/25

AUTHOR: Kharechko, G.Ye.

TITLE: On the Tectonics of the Southern Margin of the Russian Platform in the Area of Berdyansk Spit According to Seismic Data

PERIODICAL: Dopovidi Akademii nauk Ukrains'koi RSR, 1959, Nr 5, pp 518-521 (USSR)

ABSTRACT: The pioneers of study of the Russian platform, O.G. Karpinskiy and O.D. Arkhangel'skiy, attached great significance to determining its southern boundary, and to tectonic structure of adjacent areas. Points of view on subject matter expressed by K.I. Makov [Ref. 1], O.N. Sergeyev and G.I. Molyavko [Ref. 2] were contradictory. The best tectonic schemes were presented by M.V. Muratov [Ref. 3] and by a group of workers of the Institute of Geological Sciences of the AS UkrSSR under Academician V.G. Bondarchuk [Ref. 4]. In connection with an intensification of prospecting for oil and natural gas

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On the Tectonics of the Southern Margin of the Russian Platform in the Area of Berdyansk Spit According to Seismic Data

in the area of the Azov-Kuban' lowland, these questions have gained in significance. The principal task of present prospecting work is to discover the oil and gas-bearing tectonic formations, which are rich enough to warrant exploitation. In the summer of 1958, the Institute of Geological Sciences of the AS UkrSSR explored the Azov area. The seismogram (Fig. 1) is one of those taken on the Berdyansk spit. It indicates a series of waves, characteristic for varied deflections of horizons. A seismic cross section (Fig. 2) indicates a gradual dipping of the crystalline foundation's surface toward the South-West. The increase of thickness of sedimentary deposits in the South-Western section of the Berdyansk spit shows the presence of conditions favorable for accumulating natural gas and, possibly, oil. A thorough study of the geological profile and a deep boring on the Berdyansk spit must be made without delay. There is 1 seismogram,

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SOV/21-59-5-15/25

On the Tectonics of the Southern Margin of the Russian Platform in the
Area of Berdyansk Spit According to Seismic Data

1 profile and 6 Soviet references.

ASSOCIATION: Institut geologicheskikh nauk AN UkrSSR (Institute of
Geological Sciences of the AS UkrSSR)

PRESENTED: By V.G. Bondarchuk, Member of the AS UkrSSR

SUBMITTED: January 3, 1959

Card 3/3

KHARECHKO, G.Ye. [Kharechko, H.IE.]; KHARCHENKO, F.M.

Small seismic installation for studies in engineering geology and hydrogeology. Dop.AN URSR no.9:1227-1230 '60. (MIRA 13:10)

1. Institut geologicheskikh nauk AN USSR. Predstavлено академиком AN USSR V.G.Bondarchukom.
(Seismometry)

KHARECHKO, G.Ye. [Kharechko, H.IE.]

Tectonics of the Russian Platform in the Berdyansk-Nogaysk region,
based on geophysical research data. Geol. zhur. 20 no. 1:73-81
'60.

(Russian Platform--Geology, Structural) (MIRA 14:5)

KARPINSKAYA, N.N. [Karpins'ka, N.M.]; KHARECHKU, G. Ye. [Kharechko, H. IE.]

Problem of certain physical properties of rocks of the northern
Sivash area. Dop. AN URSR no.6:740-746 '61. (MIRA 14:6)

1. Institut geologicheskikh nauk AN USSR i trest "Ukrgeo-
fizrazvedka." Predstavлено akademikom AN USSR V. G.
Bondarchukom [Bondarchuk, V.H.].
(Sivash region—Rocks—Density)

KHARECHKO, G.Ye.

Density of rocks of some areas of the Sivash region. Geofiz.
sbor. no.3:109-116 '62. (MIRA 15:9)
(Sivash region--Rocks--Testing)

SOLLOGUB, V.B.; CHEKUNOV, A.V.; KALYUZHNAIA, L.I.; KHILINSKIY, L.A.;
KHALECHKO, G.Ye.

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(Weaving)

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vys.ucheb.zav.; tekhn.tekst.prom. no.5:89-94 '61. (MIRA 14:11)

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(Looms)
(Automatic control)

KHARECHKO, R.I.

Studying the performance of the taking-up pawl mechanisms of the
AT-100 and ATK-100 looms. Izv. vys.ucheb.zav.; tekhn.tekst.prom.
no.6:68-73 'Cl. (MIRA i₂:1)

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(Looms--Testing)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721810015-6

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721810015-6"

KISLYY, P.S.; LAKH, V.I.; SAMSONOV, G.V.; STADNYK, B.I.; KHARENKO, R.F.;
CHEKHOVICH, A.B.

Thermoelectric characteristics of high-temperature thermocouples
with refractory electrodes. Izm.tekh. no.5:21-23 My '61.

(MIRA 14:5)

(Thermocouples)

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Use of antibiotics in pyococcal diseases in diabetes mellitus
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(STREPTOCOCCUS PYOGENES)

NEKACHALOV, V.Ya.; KHARENKO, V.I.

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KARPERKIN, V. D., KERZHNIKOV, A. I. Recent,

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CIA-RDP86-00513R000721810015-6

KHARIN, A. A.; ISMAGIMOV, I. YE.

Mine Ventilation

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no. 7, 1952.

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APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721810015-6"

KHAREV, A.A.

The Committee on Stalin Prizes of the Council of Ministers USSR in the fields of science and inventions announces that the following scientific works, popular science books, and textbooks have been submitted for competition for Stalin prizes for two years 1953 and 1954. (Sovetskaya Kultura, Moscow, No. 28, p. 15 Feb. 3 Apr 1954)

NAME
Kharev, A.A.

<u>Title of Work</u>	<u>Nominated by</u>
"Aerodynamic Resistance of Mine Shafts and Aids to Lessening It"	Moscow Mining Institute imeni I.V. Stalin

KALINOV, A. A.

PAGE I

TREASURE ISLAND BIBLIOGRAPHICAL REPORT

AID 317 - I

BOOK

Call No. : AF 620228

Author: SKOCHINSKIY, A. A., SENOFOSTOV, A. I., IHAREV, A. A., and
IDELEVICH, I. YE.

Full Title: AERODYNAMIC RESISTANCE IN MINING SHAFTS, AND METHODS
OF ITS REDUCTION

Transliterated Title: Aerodinamicheskaya soprotivleniya shakutnykh
stvolov i sposoby yego snizheniya

Publishing Data

Originating Agency: None

Publishing House: State Technical Publishing, House of Literature for
the Coal Industry (Ugletekhizdat)

Date: 1953

No. pp.: 363

No. of copies: 3,000

Editorial Staff

Editor: Skochinskiy, A. A., Academician Tech. Ed.: None

Editor-in-Chief: None

Appraiser: None

Others: The book is the result of a collective work of the staff
of the chair in ventilation and safety technology in min-
ing in the Moscow Mining Institute im. Stalin. Many
names are mentioned in the preface.

Text Date

1/2

Aerodinamicheskoye soprotivleniye shakhtnykh
stvolov i sposoby yego snizheniya

AID 317 - I

Coverage: The authors describe theoretical and experimental research of aerodynamic resistance in mining shafts. They give the value of aerodynamic (ventilation) resistance coefficients in typical mining shafts and also a method of calculating them and ways of bringing this resistance down. Diagrams, graphs, photos, tables, etc.

A well written comprehensive textbook.

2/2

KHAREV, A.A.; VORONINA, L.D., redaktor; GRISHCHAYENKO, M.I., redaktor;
NADEINSKAYA, A.I., tekhnicheskiy redaktor

[Local resistance in mine ventilation networks] Mestnye soprotivle-
niia shakhtnykh ventiliatsionnykh setei. Moskva, Ugletekhizdat,
1954. 246 p.
(Mine ventilation) (MLRA 8:4)

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TATARINOV, M.P., professor.

"Aerodynamic resistance of mine shafts and methods of reducing it." A.A.Skochinskii, A.I.Ksenofontova, A.A.Kharev, I.E.Idel'-chik. Reviewed by M.P.Tatarinov. Ugol' 29 no.3:44-45 Mr '54.

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1. Moskovskiy gornyy institut im. I.V.Stalina (for Tatarinov).
(Mining engineering) (Skochinskii, A.A.) (Ksenofontova,A.I.)

Kharkov 1957

MUSTEL', Pavel Ivanovich; BYKOV, L.N., retsenzent; BODYAGIN, M.N.,
retsenzent; YEFREMOVA, T.K., retsenzent; BORONIHA, L.D., retsenzent;
KHAREV, A.A., redaktor; SHUSTOVA, V.M. redaktor izdatel'stva; MIKHAYLOVA,
V.V. tekhnicheskaya redaktor

[Mine ventilation] Ventiliatsiya shakht. Moskva, Gos. nauchno-tekhn.
Izd-vo lit-ry po chernoi i tvetnoi metallurgii. 1957. 222 p.

(MLRA 10:5)

(Mine ventilation)

BODYAGIN, Mikhail Nikolayevich, kand.tekhn.nauk; MILETICH, A.P., dotsent, kand.tekhn.nauk, retsensent; DUGANOV, G.V., kand. tekhn.nauk, dotsent, retsensent; KSENOFONTOVA, A.I., prof.. retsensent; KHAREV, A.A., dotsent, retsensent; USHAKOV, K.Z., kand.tekhn.nauk, otv.red.; OKHRIMENKO, V.A., red.izd-va; LOMILINA, L.N., tekhn.red.; BERESLAVSKAYA, L.Sh., tekhn.red.

[Mine ventilation] Rudnichnaia ventiliatsia. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po gornomu delu. 1960. 398 p.

(MIRA 13:5)

1. Kafedra rudnichnoy ventilyatsii Dnepropetrovskogo gornogo instituta (for Duganov, Miletich). 2. Kafedra rudnichnoy ventilyatsii Moskovskogo gornogo instituta (for Ksenofontova, Kharev).

(Mine ventilation)

BYKOV, L.N., doktor tekhn. nauk, prof.; KSENOFONTOVA, A.I., prof.; KLIMANOV, A.D., kand. tekhn. nauk; KICHENSKIY, R.M., kand. tekhn. nauk; PEROBRAZHENSKAYA, Ye.I., inzh.; RASKIN, I.A., kand. tekhn. nauk; USHAKOV, K.Z., kand. tekhn. nauk; KHAREV, A.A., kand. tekhn. nauk; KHYBITS, S.Ya., kand. tekhn. nauk; ZAKHAROV, M.I., red. izd-va; GIL'MAN, S.E., red. izd-va; MAKSIMOVA, V.V., tekhn. red.; SHKLYAR, S.Ya., tekhn. red.

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G.M., red.izd-va; LOMILINA, L.N., tekhn. red.

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[Safety principles, fire prevention, and mine rescue; program, methods procedure, and test problems for students enrolled in mining correspondence courses offered by higher educational institutions faculties and departments] Osnovy tekhniki bezopasnosti, protivopozharnoi tekhniki i gorno-spasatel'noe delo; programma, metodicheskie ukazaniia i kontrol'nye zadaniia dlia studentov gornykh spetsial'nostei zaochnykh vysshikh uchebnykh zavodov, fakul'tetov, otdelenii. Moskva, Vysshaia shkola, 1964. 62 p.

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tekhn. nauk, nauchn. red.

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no.6:79-80 Je '63.
(MIRA 17:5)

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Kalarashskogo rayona.
(PEDIATRICS) (PYRZHOLTENY--MEDICINE, RURAL)

KHARIBAV, V.L.

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Q-2

USSR/Farm Animals. Swine.

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101161

Author : Khaributov, V.L.

Inst : Buryat-Mongolian State Agricultural Experiment
Station

Title : Evaluating the Economically Useful Lineal and
Family Qualities in Swine of the Kemerovo
Breed.

Orig Pub: Tr. Buryat-Mong. gos, s.-kh. optyn. st., 1957,
vyp. 2, 110-120

Abstract: On the 102nd day, Kemerovo breed swine fattened
for meat attained a live weight of 93.73 kg
with average daily gains of 565 g and fodder
expenditures of 4.83 feed units. At various

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(MIRA 18:10)

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Mosatola

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K. I. Skryabin, Izdat. Akad. Nauk, SSSR, 1953, page 733
All-Union Inst. Helminthology im. Acad. K. I. Skryabin.

KHARICHKOVA, M.V.

PARAMONOV, A.A., prof., doktor biol. nauk; KHARICHKOVA, M.V., kand. biol. nauk.

Causative agents of phytohelminthiases in potato tubers and onions
in Moscow Province. Trudy VIGIS 5:195-213 '53. (MIRA 11:1)
(Moscow Province--Nematoda) (Potatoes--Diseases and pests)
(Onions--Diseases and pests)

KHARICHKOVA, M.V., kand.biologicheskikh nauk

Eradication of *Ditylenchus* infection of onions on the Dimitrov
Collective Farm, Kolomna District, Moscow Province. Trudy VIGIS
6:415-418 '59. (MIRA 15:5)

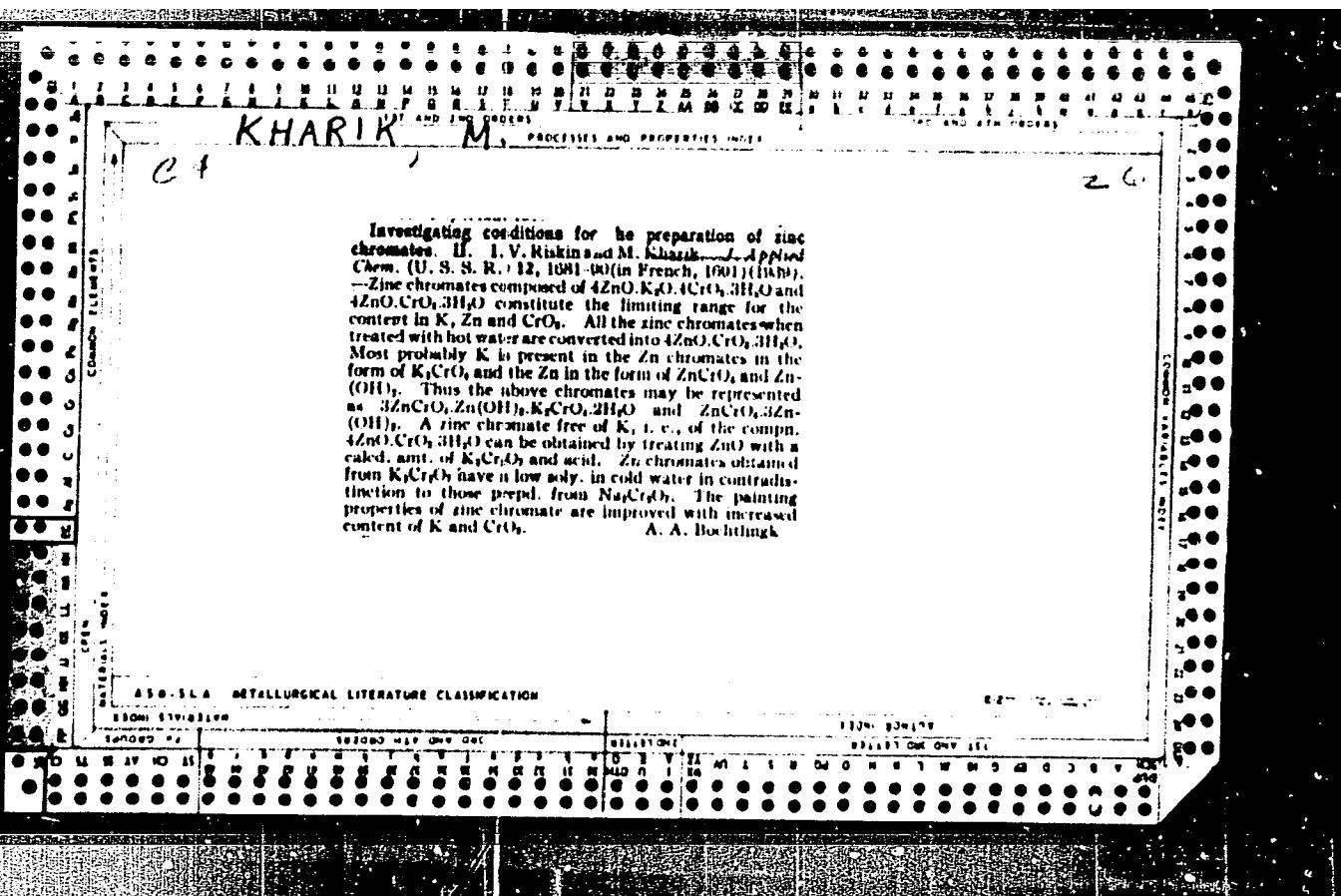
(Kolomna District--*Ditylenchus*)
(Onions---Diseases and pests)

IZAKSON, I., inzh.; KHARIF, B., inzh.; UMANSKIY, V., inzh.

The TO-2 continuous production line with lateral displacement of
cars. Avt. transp. 37 no.8:19-22 Ag '59. (MIRA 12:12)
(Automobiles--Maintenance and repair)

IZAKSON, I.; KHARIF, B.

Stand for checking automobile brake systems. Avt. transp. 36
no. 6:45-46 Je '58. (MIRA 11:7)
(Automobiles--Brakes)



KIRPICHNIKOV, L.A., inzhener; KHARIF, M.I., inzhener.

Projected norms for artificial illumination of sea ports. Svetotekhnika
3 no.10:26-28 O '57. (MIRA 10:10)

1. Chernomorproyekt.
(Harbors) (Lighting)

KIRPICHNIKOV, L.A., inzhener; KHARIF, M.I., inzhener.

Characteristic indices for systems supplying electric power to sea
ports and ship repair plants. Prom. energ. 12 no.7:15-19 Jl '57.
(Electric power) (MIRA 10:8)

KHARIF, M., inzhener.

Lighting devices for harbor arlas. Mor.flot 17 no.3:25 Mr '57.
(MLRA 10:3)

1. Chernomorproyekt.
(Harbors) (Electric lighting)

KIRPICHNIKOV, L.; KHARIF, M.

Electric cable feeders columns in harbors. Mor.flot 17 no.10:15-16
0 '57. (MIRA 10:12)

- 1.Zamestitel' nachal'nika otdela Chernomoproyekta (for Kirpichnikov).
- 2.Starshiy inzhener otdela Chernomoproyekta (for Kharif)
(Harbors--Equipment and supplies)
(Electric cables)

KIRPICHNIKOV, L.A., inzh.; KHARIF, N.I., inzh.

New control circuit for outside lighting of industrial enterprises.
Svetotekhnika 4 no. 8:21-22 Ag '58. (MIRA 11:?)

1. Chernomorprojekt.
(Factories--Lighting)

3.7/94-58-8-10/22

AUTHORS: Kirpichnikov, L. A., Engineer and Kharif, M. I., Engineer

TITLE: An Electric Power Supply System For Gantry Cranes in
Ports (Sistema elekroosnabzheniya portal'nykh kranov v
portakh)

PERIODICAL: Promyshlennaya Energetika, 1958, Nr 8, pp 25-27 (USSR)

ABSTRACT: Existing methods of electricity supply for cranes and other electrical equipment in ports are described. Supply pillars and flexible cables are commonly used and the sub-stations are at least 120 metres from the load so that very heavy cables are required. With the object of improving electricity supply systems in ports the authors, together with Engineer A. F. Zhuravlev, developed a system of electricity supply to gantry cranes and other power consumers on wharves which is based on the following principles: transformers of up to 560 kVA are installed directly on the wharves; cable lines laid in line with the wharves are replaced by bare busbars in a channel. The transformers are installed in special chambers below the level of the wharf and between railway tracks. The transformer chambers are naturally ventilated. If power consumption on the wharves is heavy, transformers are

Card 1/2

SOV/94-53-8-10/22

An Electric Power Supply System for Gantry Cranes in Ports

installed every 150 metres. The sub-stations supplying the transformers are relatively few and far between and contain the protective and measuring equipment. The transformers are fused on the high voltage side and have an overload relay on the low voltage side. The transformers are connected to the busbars through three-pole isolating switches. Diagrammatic views of the power supply arrangements in wharves are given in Figs. 1 and 2. Technical and economic calculations were made to compare this system of electricity supply with the usual one: the economy of capital was 30%, the consumption of non-ferrous metal was 2.2 times less, the power consumption 15% less, and the operating costs 21% less.

There are two figures.

ASSOCIATION: Chernomorprojekt

Card 2/2

KIRPICHNIKOV, L.A., inzh.; KHARIF, M.I., inzh.

Floodlight illumination part facilities. Svetotekhnika 6
no.1:25-28 Ja '60. (MIRA 13:5)

1. "Chernomorproyekt," Odessa.
(Harbors--Lighting)

KIRPICHNIKOV, Leonid Aleksandrovich; KHARIF, Moisey Izraylevich;
SVIRSKIY, V.P., inzh., retsenzent; KORESTYNSKIY, N.D., inzh.,
retsenzent; KORESTYNSKIY, N.D., inzh., retsenzent; YAROSHENKO,
V.I., inzh., inzh., retsenzent; BOGACHENKO, V.Ye., inzh.,
nauchnyy red.; LAPINA, Z.D., red. izd-va; SARAYEV, B.A., tekhn .
red.

[Automatic control of transshipment machinery and the electric
power supply network in sea ports] Avtomatizatsiya peregruzoch-
nykh mashin i elektricheskikh setei v morskikh portakh. Mo-
skva, Izd-vo "Morskoi transport," 1961. 147 p. (MIRA 15:3)

(Cargo handling—Equipment and supplies)
(Electric power distribution) (Automatic control)

KIRPICHNIKOV, L.A.; KHARIF, M.I.

Automation of 6 to 10 kv. distribution networks. Prom.energ. 16
no.6:19-23 Je '61. (MIRA 15:1)
(Harbors) (Electric substations) (Automatic control)

KIRPICHNIKOV, L.; KHARIF, M.

Design of electric networks for harbor piers. Mor. flot 23 no.3:
17-19 Mr '63. (MIRA 16:3)

1. Nachal'nik otdela Chernomorniprojekta (for Kirpichnikov).
(Harbors) (Electric networks)

KIRPICHNIKOV, L.A., inzh.; KHARIF, M.I., inzh.

Experience in the use of bus conductors in electric power distribution networks of sea harbor piers. Prom. energ. 18 no.6:8-11 Je '63. (MIRA 16:7)

(Electric power distribution)
(Harbors--Electric equipment)

KHINKUS, Samson Solomonovich, kand. tekhn. nauk. dots.; KHARIF, Moisey Izrailevich; KIRPICHNIKOV, Leonid Mironovich, inzh.

[Electrical equipment and automatic control of hoisting and transporting machines] Elektrooborudovanie i avtomatika pod"emno-transportnykh mashin. Moskva, Transport, 1965. 377 p. (MIRA 18:12)

KHALIK, B.D.

EMG-350/1000 rotary bucket excavator. Gor.zhur. no.6:55 Je '80.
(MI.A 1A:2)

1. Nachal'nik ot dela ekskavatorostroyeniya zavoda im. 15- etiyn
Leninskogo kommunisticheskogo soyuza molodozhi Ukrains.

(Excavating machinery)

KOLESNIKOV, Ye.F., inzh.; TARANOV, D.I., inzh.; KHARIK, B.D., inzh.

Efficient parameters of the buckets of a wheel excavator. Stroi. i
dor. mash. 8 no.5:16-18 My '63. (MIRA 16:5)
(Excavating machinery)

KHARIK, V.

PA 4T11

USSR/Oil Wells
Tools

Feb 1947

"Experience in Calculating a Drive Pipe Ring,"
V. Kharik, 3 pp

"Neftyanoye Khozyaystvo" Vol XXV, No 2

Mathematical discussion of methods of calculating
the capacity of a drive pipe ring operated with a
hoisting jack, while retrieving lost equipment, with
cross sections and formulae

4T11

AYRUMOV, A. M., KHLARIK, V. F.

Geology

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